

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	2774	electrode adj layer same channel	US-PGPUB; USPAT	OR	ON	2007/03/31 17:38
L5	84	electrode adj layer same channel same (detect\$4 sens\$4)	US-PGPUB; USPAT	OR	ON	2007/03/31 17:38
L6	115	electrode adj layer same channel same (detect\$4 sens\$4)	US-PGPUB; USPAT	OR	ON	2007/03/31 17:40
L7	149	microfluid\$4 and electrode adj layer	US-PGPUB; USPAT	OR	ON	2007/03/31 17:43
L8	1063	microfluid\$4.ti. and layer	US-PGPUB; USPAT	OR	ON	2007/03/31 17:43
L9	225	microfluid\$4.ti. and layer with electrode	US-PGPUB; USPAT	OR	ON	2007/03/31 17:43
L10	198	microfluid\$4.ti. and layer with electrode not l7	US-PGPUB; USPAT	OR	ON	2007/03/31 17:44
L11	34	microfluid\$4.ti. and layer and coat\$4 near2 electrode not l7	US-PGPUB; USPAT	OR	ON	2007/03/31 17:45
L12	43	microfluid\$4.ti. and layer and coat\$4 near2 electrode	US-PGPUB; USPAT	OR	ON	2007/03/31 17:45
L13	37	electro adj chemical same gold same (ag/cl silver)	US-PGPUB; USPAT	OR	ON	2007/03/31 18:51
L14	38	electro adj chemical same gold same (agcl silver)	US-PGPUB; USPAT	OR	ON	2007/03/31 18:54
L15	0	electro adj chemical same gold with working adj electrode same (silver adj chloride) adj counter adj electrode	US-PGPUB; USPAT	OR	ON	2007/03/31 18:55
L16	11	gold with working adj electrode same (silver adj chloride) adj counter adj electrode	US-PGPUB; USPAT	OR	ON	2007/03/31 18:55
L17	56	gold with working adj electrode same (silver adj chloride) with counter adj electrode	US-PGPUB; USPAT	OR	ON	2007/03/31 18:55
L18	46	gold with working adj electrode same (silver adj chloride) with counter adj electrode and liquid	US-PGPUB; USPAT	OR	ON	2007/03/31 18:56
L19	335	foil adj mask	US-PGPUB; USPAT	OR	ON	2007/03/31 19:24
L20	15	foil adj mask with insulat\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 19:24
L21	11	foil adj mask with insulat\$4 same electrode	US-PGPUB; USPAT	OR	ON	2007/03/31 19:25
L22	18	microfluid\$4 and foil adj mask	US-PGPUB; USPAT	OR	ON	2007/03/31 19:38

## EAST Search History

L23	626	microfluid\$4 and electrode with insulat\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 19:39
L24	7	microfluid\$4 and electrode with insulat\$4 with hydrophilic	US-PGPUB; USPAT	OR	ON	2007/03/31 19:42
L25	5	microfluid\$4 and electrode with insulat\$4 with perforat\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 19:44
L26	626	microfluid\$4 and electrode with insulat\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 19:44
L27	71	microfluid\$4 and electrode with insulat\$4 with channel	US-PGPUB; USPAT	OR	ON	2007/03/31 19:55
L28	20	microfluid\$4 and electrode with insulat\$4 with (perforat\$4 porous pore)	US-PGPUB; USPAT	OR	ON	2007/03/31 20:06
L29	889	electrode with insulat\$4 near2 (perforat\$4 porous pore)	US-PGPUB; USPAT	OR	ON	2007/03/31 20:07
L30	20	electrode with insulat\$4 near2 (perforat\$4 porous pore) and electro adj chemical	US-PGPUB; USPAT	OR	ON	2007/03/31 20:13
L31	11	electrode with insulat\$4 near2 (perforat\$4 porous pore) and electro adj chemical and liquid	US-PGPUB; USPAT	OR	ON	2007/03/31 20:18
L32	86	electrode with insulat\$4 near2 (perforat\$4 porous pore) same liquid	US-PGPUB; USPAT	OR	ON	2007/03/31 20:26
L33	37	electrode with insulat\$4 near2 hydrophilic	US-PGPUB; USPAT	OR	ON	2007/03/31 20:27
L34	5	electrode with insulat\$4 near2 hydrophilic and (sensor detector).ti.	US-PGPUB; USPAT	OR	ON	2007/03/31 20:27
L35	2	((("5605662") or ("5861242") or ("5605662"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/31 20:38
L36	2	I35 and immobiliz\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 20:38
L37	0	I35 and immobiliz\$4 with dried	US-PGPUB; USPAT	OR	ON	2007/03/31 20:41
L38	1285	immobiliz\$4 with dried	US-PGPUB; USPAT	OR	ON	2007/03/31 20:41
L39	11	immobiliz\$4 with dried with hybridization	US-PGPUB; USPAT	OR	ON	2007/03/31 20:41
L40	9	(US-20040154923-\$ or US-20020079219-\$ or US-20030141189-\$).did. or (US-5376252-\$ or US-6210986-\$ or US-5141614-\$ or US-4587003-\$ or US-4118305-\$ or US-5922604-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/03/31 20:48

## EAST Search History

L41	3	l40 and valve	US-PGPUB; USPAT	OR	ON	2007/03/31 20:49
L42	1	l40 and vent\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 20:49
L43	163	microfluid\$4 with vent\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 20:50
L44	6	microfluid\$4 with vent\$4 with bubble	US-PGPUB; USPAT	OR	ON	2007/03/31 20:50
L45	21	microfluid\$4.ti. and vent\$4 with bubble	US-PGPUB; USPAT	OR	ON	2007/03/31 20:51
L46	2	microfluid\$4.ti. and vent\$4 with prevent\$4 with bubble	US-PGPUB; USPAT	OR	ON	2007/03/31 20:51
L47	2	microfluid\$4 same vent\$4 with prevent\$4 with bubble	US-PGPUB; USPAT	OR	ON	2007/03/31 20:52
L48	283	microfluid\$4.ti. and vent\$4	US-PGPUB; USPAT	OR	ON	2007/03/31 20:53
L49	283	microfluid\$4.ti. and vent\$3	US-PGPUB; USPAT	OR	ON	2007/03/31 20:54
L50	1	microfluid\$4.ti. and vent\$3 with capillarity	US-PGPUB; USPAT	OR	ON	2007/03/31 20:54
L51	102	microfluid\$4.ti. and vent\$3 with flow	US-PGPUB; USPAT	OR	ON	2007/03/31 20:54
S1	0	("5591403").PN.).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/30 16:38
S2	1	("5591403").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/30 16:42
S3	73367	("422").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/03/30 16:43
S4	1579	S3 and layer with channel	US-PGPUB; USPAT	OR	ON	2007/03/30 16:49
S5	4	S3 and layer with channel and foil near3 insulat\$4	US-PGPUB; USPAT	OR	ON	2007/03/30 16:44
S6	1	(marquant unkrig hindelang).in. and biological.ti.	US-PGPUB; USPAT	OR	ON	2007/03/30 16:44
S7	635	S3 and layer with channel and electrode	US-PGPUB; USPAT	OR	ON	2007/03/30 16:50
S8	278	S3 and layer with channel and electrode with (detect\$4 sens\$4)	US-PGPUB; USPAT	OR	ON	2007/03/30 16:51
S9	1	S3 and layer with channel with throughhole and electrode with (detect\$4 sens\$4)	US-PGPUB; USPAT	OR	ON	2007/03/30 16:51
S10	11	S3 and layer with channel with through adj hole and electrode with (detect\$4 sens\$4)	US-PGPUB; USPAT	OR	ON	2007/03/30 16:52

## EAST Search History

S11	36	S3 and layer with channel with thickness and electrode with (detect\$4 sens\$4)	US-PGPUB; USPAT	OR	ON	2007/03/30 18:19
S12	1112	(422/82.01,82.02,82.03).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/30 18:19
S13	55	S12 and layer with channel and electrode with (detect\$4 sens\$4)	US-PGPUB; USPAT	OR	ON	2007/03/30 18:20
S14	16	S12 and layer with channel and electrode and counter adj electrode	US-PGPUB; USPAT	OR	ON	2007/03/30 18:20